WHAT IS CLAIMED IS:

	1.	An i	solated polynucleotide comprising:
		a)	a nucleotide sequence encoding a polypeptide
5			comprising the amino acid sequence of SEQ ID
			NO:2;
		b)	a nucleotide sequence encoding a polypeptide
			comprising amino acid residues 72-93, 147-162,
			191-211 OR 217-238 of SEQ ID NO:2;
		c)	a nucleotide sequence encoding a polypeptide
10			comprising the amino acid sequence of SEQ ID
			NO:4;
		d)	a nucleotide sequence encoding a polypeptide
			comprising amino acid residues 55-76, 132-150,
			177-199 or 213-234 of SEQ ID NO:4;
		e)	a nucleotide sequence encoding a polypeptide
15			comprising the amino acid sequence of SEQ ID
			NO:6;
		f)	a nucleotide sequence encoding a polypeptide
			comprising amino acid residues 47-68, 123-138,
			167-187 or 193-214 of SEQ ID NO:6;
		g)	a nucleotide sequence encoding a polypeptide
20			comprising the amino acid sequence of SEQ ID
			NO:8;
		h)	a nucleotide sequence encoding a polypeptide
			comprising amino acid residues 46-67, 122-140,
			166-187 or 194-213 of SEQ ID NO:8;
		i)	a nucleotide sequence encoding a polypeptide
25			comprising the amino acid sequence of SEQ ID
			NO:9;
		j)	a nucleotide sequence encoding a polypeptide
			comprising amino acid residues 77-98, 153-167,
		k)	197-217 or 223-242 of SEQ ID No:9;
••		ν)	nucleotides 232-1599, 445-513, 670-717, 802- 864 or 880-945 of the nucleotide sequence of
30			SEO ID NO:1:

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- 1) nucleotides 83-1669, 245-310, 476-532, 611-679 or 719-784 of the nucleotide sequence of SEQ ID No:3:
- m) nucleotides 247-1530, 385-450, 613-660, 745-807 or 823-888 of the nucleotide sequence of SEQ ID No:5; or
- n) nucleotides 205-1599, 340-395, 568-624, 700-765 or 784-843 of the nucleotide sequence of SEQ ID No:7.
- 10 2. An isolated polynucleotide which hybridizes to the complement of the polynucleotide of Claim 1 under stringent hybridization conditions.
 - An isolated polynucleotide which comprises the complement of the polynucleotide of Claim 1.
 - 4. A vector comprising the isolated polynucleotide of Claim 1 or 2.
 - An expression vector comprising the isolated polynucleotide of Claim 1 or 2.
 - 6. A host cell genetically engineered to contain the polynucleotide of Claim 1 or 2.
- 7. A host cell genetically engineered to contain the polynucleotide of Claim 1 or 2 in operative association with 25 a regulatory sequence that controls expression of the polynucleotide in the host cell.
 - 8. An isolated polypeptide comprising:
 - a) the amino acid sequence of SEQ ID NO:2;
 - b) amino acid residues 72-93, 147-162, 191-211 OR 217-238 of SEQ ID NO:2;
 - c) the amino acid sequence of SEQ ID NO:4;
 - d) amino acid residues 55-76, 132-150, 177-199 or 213-234 of SEQ ID NO:4;

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- e) the amino acid sequence of SEQ ID NO:6;
- f) amino acid residues 47-68, 123-138, 167-187 or 193-214 of SEO ID NO:6;
- g) the amino acid sequence of SEQ ID NO:8;
- h) amino acid residues 46-67, 122-140, 166-187 or 194-213 of SEQ ID NO:8;
 - i) the amino acid sequence of SEQ ID NO:9; or
 - j) amino acid residues 77-98, 153-167, 197-217 or 223-242 of SEQ ID NO:9;
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 m 10}$ 9. A composition comprising the polypeptide of Claim 8 and a carrier.
 - 10. An antibody directed against the polypeptide of Claim 8.
- 15 11. A method for detecting a polynucleotide of Claim 1 or 2 in a sample, comprising:
 - contacting the sample with a compound that binds to and forms a complex with the polynucleotide for a period sufficient to form the complex; and
- 20 b) detecting the complex,

so that if a complex is detected, a polynucleotide of Claim 1 or 2 is detected.

- 12. A method for detecting a polynucleotide of Claim 1 or 2 in a sample, comprising:
- 25 a) contacting the sample under stringent hybridization conditions with nucleic acid primers that anneal to a polynucleotide of Claim 1 or 2 under such conditions; and
 - b) amplifying the annealed polynucleotides,
- so that if a polynucleotide is amplified, a polynucleotide of 30 Claim 1 or 2 is detected.
 - 13. The method of Claim 12, wherein the polynucleotide is an RNA molecule that encodes a polypeptide of Claim 8, and

the method further comprises reverse transcribing an annealed RNA molecule into a cDNA polynucleotide.

- 14. A method for detecting a polypeptide of Claim 8 in 5 a sample, comprising:
 - a) contacting the sample with a compound that binds to and forms a complex with the polypeptide for a period sufficient to form the complex; and
 - detecting the complex,
- ${f 10}$ so that if a complex is detected, a polypeptide of Claim 8 is detected.
 - 15. A method for identifying a compound that binds to a polypeptide of Claim 8, comprising:
 - a) contacting a compound with a polypeptide of Claim 8 for a time sufficient to form a polypeptide/compound complex; and
 b) detecting the complex.

so that if a polypeptide/compound complex is detected, a compound that binds to a polypeptide of Claim 8 is identified.

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- 16. A method for identifying a compound that binds to a polypeptide of Claim 8, comprising:
 - a) contacting a compound with a polypeptide of Claim 8, in a cell, for a time sufficient to form a polypeptide/compound complex, wherein the complex drives expression of a reporter gene sequence in the cell; and
 - detecting the complex by detecting reporter gene sequence expression,

so that if a polypeptide/compound complex is detected, a compound that binds to a polypeptide of Claim 8 is 30 identified.

17. A method of modulating activity of a polypeptide of Claim 8, comprising contacting a cell that expresses the

polypeptide with a compound that modulates activity of the polypeptide for a time sufficient to modulate said activity.

18. A method of modulating activity of the polypeptide 5 of claim 8, comprising contacting the polypeptide with a compound that modulates activity of the polypeptide for a time sufficient to modulate said activity.

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